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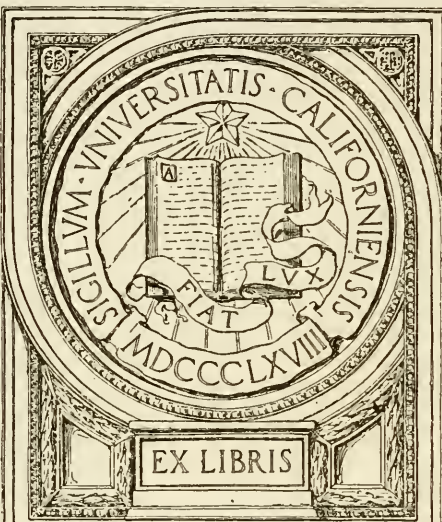
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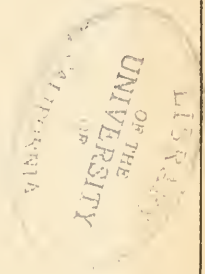
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Prospectus of Teachers' Courses  
*in the Household Arts and Evening Courses in Mechanical Arts*  
for Men, to be given *at the California School of Mechanical Arts*

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*By Provision of the Miranda W. Lux Endowment*



San Francisco, California  
September, 1911

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UNIVERSITY OF CALIFORNIA

## PROSPECTUS

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The late Miranda W. Lux, by her last will and testament, set apart a portion of her estate to be held in trust for "The promotion of schools for manual training, industrial training and for teaching trades to young people of both sexes, in the State of California, and particularly in the City and County of San Francisco; . . ." The trustees of this fund have entered into an arrangement with the trustees of the California School of Mechanical Arts, whereby the organization and equipments of the latter institution may be used for carrying on two projects of industrial education, the funds therefor being provided from the Lux Endowment.

1. Prospective teachers of domestic branches will be allowed to enroll in any of the courses heretofore offered in the California School of Mechanical Arts, and certain new courses of domestic instruction will be added for the same purpose.
2. Evening instruction will be offered in the shops of the California School of Mechanical Arts for men who are engaged in mechanical trades during the daytime.

The development of industrial education in California is retarded at the present time by the lack of adequate opportunities for the training of teachers of household and mechanical branches. While neither of the projects herein announced is intended to comprehend all the functions of a so-called normal school, nevertheless it is expected that they will serve a most useful purpose in opening the way for those who may wish to enter the field of industrial education as teachers.

The evening courses for men, however, are not intended primarily for the preparation of teachers, the main idea in this instance being to find out how far it is possible to overcome the shortcomings of modern shop conditions in the training of American mechanics by supplementing the daily work of the latter by evening instruction. The evening work, furthermore,

will be mainly shop instruction, with a view of affording each man an opportunity to perfect himself in the use of such tools and appliances as he may not have had access to under the specialized conditions of his daily work. There will be evening classes in applied mathematics and science and in drawing, but the instruction in these lines will be purely supplementary and will be limited to what each individual may feel that he needs for an intelligent understanding of his trade.

Requirements for admission and details of the courses are explained more fully in the following pages.

### DOMESTIC COURSES FOR TEACHERS.

Except in the larger city schools teachers of domestic branches are generally called upon to handle more than one subject. For that reason those who enroll for this work are advised to fortify themselves against future demands by including in their programs of studies a consistent group of courses representing a fairly wide range. Those available are:

1. Plain sewing, dressmaking, millinery.
2. Textiles and fabrics; weaving.
3. Cooking, marketing.
4. Domestic science, hygiene.
5. Planning, heating, ventilating, and sanitation of the home.
6. Furnishing, decorating and beautifying the home.
7. Home gardening.
8. Freehand drawing.
9. Chemistry.
10. General science.

A knowledge of chemistry being essential to an understanding of many applications of science in the home, that study should be regarded as an essential in connection with the cooking and domestic science courses. Those who have not studied the other ordinary high-school sciences will also find it an advantage to include in their programs the subject of "general science," which takes up many principles of electricity, heat, molecular, physics, radiant energy and other things of importance in domestic economy. Likewise, freehand drawing is essential in connection with household decoration and other courses having to do with

the application of art, such as designing of dresses, millinery, etc.

For details of the courses enumerated above, see general circular of the California School of Mechanical Arts. Any one or more may be taken, according to individual needs. Those who are sufficiently familiar with the subject-matter of any course will be permitted to undertake practice teaching. Others will enter the regular classes under instruction. The principal distinction of status will be between those who have graduated from a high school and those who have not, special privileges being extended to the former only. As a rule, those lacking high-school diplomas must enroll as candidates for graduation from the California School of Mechanical Arts.

Applicants may register at any time. Instruction in the courses for teachers began Wednesday, August 9, 1911, but the work being conducted on the individual plan, additional students will be admitted in the order of application. The total number admitted during the current year will be limited to twenty-five.

There will be no charge for tuition, but those under instruction, who are not serving as practice teachers, will be charged three dollars each quarter-year, payable in advance, for materials.

Diplomas of graduation will not be given, but formal certificates will be issued at the close of each school-year, and special statements will be furnished on occasion.

## EVENING COURSES FOR MEN.

The mechanical departments of the California School of Mechanical Arts include a pattern shop, a foundry, a forge shop and a machine shop. Those of the Wilmerding School of Industrial Arts, which will also be available if needed, are a carpenter shop, a cabinetmaking department, a shop for plumbing and sheet metal work, an electrical workshop, and a bricklaying department. How many of these shops will be used for the accommodation of evening classes will depend upon the number of applicants for each. No department will be conducted for less than six applicants, and not more than four departments will be maintained during the year of 1911-12.

Instruction will begin Monday evening, October 9, 1911, at 7:15 P. M. Applications may be filed at any time. Application blanks will be mailed upon request. As a rule, attendance in each

shop will be restricted to those engaged in similar employment during the daytime, the aim being to widen the range of opportunities for mechanics within their respective callings, and to raise standards of workmanship. Preference will be given to young journeymen and to those who have served at least two years of an apprenticeship.

The shops will be conducted three evenings a week—Monday, Wednesday and Friday—from 7:15 to 9:15. The teachers of mathematics, science, and drawing will be at hand five evenings a week—Monday to Friday inclusive.

Certificates of work completed will be issued at the end of the school-year, in June.

There will be no prescribed courses of instruction, the plan being rather to meet the individual needs of those in attendance. Besides an instructor in each shop, there will be at hand men to teach mechanical drawing, mathematics, and science, as supplementary branches. Through personal consultation with the shop foreman and with the supplementary teachers, each man will make known his needs and express his wishes, and the instructors will plan the work accordingly. Students may feel at liberty at all times to take to the instructors problems of any sort that may have arisen in connection with their daily or evening shop work.

The instruction given in mechanical drawing is intended to teach only the intelligent reading of working drawings by mechanics. No instruction will be given for the purpose of training mechanical draftsmen, but men who are already engaged in that pursuit will be allowed to enroll for instruction in mathematics and science, and will also be given the privilege of the shops for the purpose of receiving such mechanical instruction as may be useful for reinforcing their knowledge of drawing and making it more practical.

Men who are employed as firemen and engineers will be permitted to enroll for such instruction as they may need for obtaining licenses, or for advancement in their vocations.

Communications should be addressed to the Principal of the California School of Mechanical Arts, Sixteenth and Utah Streets, San Francisco.





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